

WALKER RIVER BASIN, WALKER RIVER BASIN

10302002 WALKER RIVER AT LATERAL 2-A SIPHON NEAR SCHURZ, NV—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--November and December 1993, May to June 1996, November 1996 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: May 1995 to June 1996 (seasonal), November 1996 to current year.

WATER TEMPERATURE: May 1995 to June 1996 (seasonal), November 1996 to current year.

INSTRUMENTATION.--Specific conductance and water temperature monitor May 1995 to June 1996, November 1996 to current year, four times per hour.

REMARKS.--Instantaneous specific-conductance and water-temperature measurements during a site visit can be slightly outside the range of values recorded during the same day by the water-quality monitor. This presumably is due to fluctuations in conductance and temperature during the interval between periodic monitor recordings. Records represent water temperature at probe within 0.5°C. Interruptions in record due to partial or no flow during the day or during some days.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 931 microsiemens, cm at 25°C, October 17, 2000; minimum, 143 microsiemens, cm at 25°C, May 12, 1998.

WATER TEMPERATURE: Maximum recorded, 34.0°C, July 24, 2004; minimum daily, freezing point many days during winter months of most years.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum, 916 microsiemens/cm at 25°C, July 19; minimum, 358 microsiemens/cm at 25°C, June 22.

WATER TEMPERATURE: Maximum, 34.0°C, July 24; minimum, 0.0°C, on several days.

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	698	390	492	---	---	---	---	---	---
2	---	---	---	391	376	383	---	---	---	---	---	---
3	---	---	---	380	373	377	---	---	---	---	---	---
4	---	---	---	381	375	378	---	---	---	---	---	---
5	---	---	---	383	379	381	---	---	---	---	---	---
6	---	---	---	385	378	381	---	---	---	---	---	---
7	---	---	---	396	382	390	789	722	756	---	---	---
8	---	---	---	402	388	395	767	492	573	---	---	---
9	---	---	---	409	396	403	492	431	456	---	---	---
10	---	---	---	414	407	410	433	426	429	---	---	---
11	---	---	---	419	407	413	427	422	425	---	---	---
12	---	---	---	434	417	427	429	423	426	---	---	---
13	---	---	---	455	434	446	430	425	428	---	---	---
14	---	---	---	473	452	464	430	423	426	736	531	612
15	---	---	---	480	471	476	429	425	426	532	459	490
16	---	---	---	498	477	490	432	427	429	461	454	458
17	---	---	---	---	---	---	436	428	432	460	453	456
18	---	---	---	---	---	---	450	435	443	458	452	454
19	---	---	---	---	---	---	464	450	457	460	453	456
20	---	---	---	---	---	---	475	462	470	460	454	457
21	---	---	---	---	---	---	486	473	481	461	452	456
22	---	---	---	---	---	---	501	484	493	460	453	456
23	---	---	---	---	---	---	505	494	500	460	450	456
24	---	---	---	---	---	---	506	502	504	461	455	458
25	---	---	---	---	---	---	---	---	---	465	455	460
26	---	---	---	---	---	---	---	---	---	465	455	459
27	---	---	---	---	---	---	---	---	---	463	452	457
28	---	---	---	---	---	---	---	---	---	461	450	456
29	---	---	---	---	---	---	---	---	---	458	451	455
30	---	---	---	---	---	---	---	---	---	456	446	451
31	---	---	---	---	---	---	---	---	---	453	444	448
MONTH	---	---	---	698	373	419	789	422	475	736	444	466

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DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	452	444	447	534	512	522	572	556	561	568	537	551
2	451	442	447	528	507	517	582	559	569	580	549	563
3	450	442	446	534	520	525	589	561	575	592	559	573
4	448	441	445	538	521	527	585	570	575	600	568	583
5	450	440	445	538	521	527	---	---	---	607	578	589
6	450	440	444	542	524	530	---	---	---	---	---	---
7	450	440	444	546	526	534	---	---	---	---	---	---
8	449	440	444	551	529	540	---	---	---	---	---	---
9	448	440	443	558	535	544	---	---	---	---	---	---
10	445	437	441	564	539	549	---	---	---	---	---	---
11	447	436	441	583	452	528	---	---	---	---	---	---
12	456	442	447	452	443	447	---	---	---	---	---	---
13	444	438	442	450	442	445	---	---	---	---	---	---
14	444	437	439	449	441	445	---	---	---	---	---	---
15	444	436	439	450	443	446	---	---	---	---	---	---
16	445	437	440	451	443	446	---	---	---	---	---	---
17	452	438	445	454	444	448	---	---	---	---	---	---
18	457	442	449	469	448	460	---	---	---	---	---	---
19	447	440	442	485	466	476	---	---	---	---	---	---
20	445	440	442	493	478	485	714	468	496	---	---	---
21	445	440	442	502	486	492	479	465	473	---	---	---
22	464	444	454	509	491	499	472	462	467	---	---	---
23	480	464	473	516	498	506	470	461	466	---	---	---
24	491	475	483	522	507	513	488	461	475	---	---	---
25	492	483	488	530	512	518	510	487	499	---	---	---
26	504	485	494	538	516	525	524	501	512	---	---	---
27	510	496	501	545	522	531	531	512	521	---	---	---
28	513	503	507	553	528	538	539	520	527	---	---	---
29	523	509	516	558	533	545	548	523	534	---	---	---
30	---	---	---	563	544	554	559	530	542	---	---	---
31	---	---	---	577	552	561	---	---	---	---	---	---
MONTH	523	436	456	583	441	507	714	461	519	607	537	572
	JUNE			JULY			AUGUST			SEPTEMBER		
1	---	---	---	464	434	452	---	---	---	---	---	---
2	---	---	---	490	462	474	---	---	---	---	---	---
3	---	---	---	512	487	498	---	---	---	---	---	---
4	---	---	---	533	497	514	---	---	---	---	---	---
5	---	---	---	551	502	526	---	---	---	---	---	---
6	---	---	---	553	522	539	---	---	---	---	---	---
7	767	605	662	581	540	562	---	---	---	---	---	---
8	771	631	717	592	555	573	---	---	---	---	---	---
9	774	737	756	599	567	582	---	---	---	---	---	---
10	779	508	742	619	572	596	---	---	---	---	---	---
11	508	396	406	632	592	610	---					

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TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	---	---	---	9.0	5.0	7.0	---	---	---	---	---	---
2	---	---	---	7.0	5.5	6.5	---	---	---	---	---	---
3	---	---	---	8.5	5.5	6.5	---	---	---	---	---	---
4	---	---	---	8.5	5.5	7.0	---	---	---	---	---	---
5	---	---	---	9.0	6.5	7.5	---	---	---	---	---	---
6	---	---	---	8.0	5.5	6.5	---	---	---	---	---	---
7	---	---	---	8.5	5.0	6.5	5.5	4.5	4.5	---	---	---
8	---	---	---	7.0	5.0	6.0	6.0	2.5	4.0	---	---	---
9	---	---	---	10.0	5.5	7.0	3.5	1.5	2.0	---	---	---
10	---	---	---	10.0	5.5	7.0	4.0	1.5	2.5	---	---	---
11	---	---	---	8.5	4.5	6.0	5.0	3.0	3.5	---	---	---
12	---	---	---	9.0	3.5	5.5	3.0	2.0	2.5	---	---	---
13	---	---	---	10.5	5.5	7.0	4.5	2.5	3.5	---	---	---
14	---	---	---	10.0	3.5	6.0	4.5	2.0	3.0	2.5	0.0	0.5
15	---	---	---	6.0	4.0	5.0	2.5	0.5	1.5	1.5	0.0	0.5
16	---	---	---	9.5	2.5	6.0	2.5	0.0	1.0	3.0	0.5	1.5
17	---	---	---	---	---	---	2.0	0.0	1.0	3.5	1.5	2.0
18	---	---	---	---	---	---	3.0	0.0	0.5	3.5	2.0	2.5
19	---	---	---	---	---	---	2.0	0.0	0.5	4.0	2.0	2.5
20	---	---	---	---	---	---	3.0	0.0	1.5	4.0	2.5	3.5
21	---	---	---	---	---	---	5.0	0.5	2.0	4.0	1.5	2.5
22	---	---	---	---	---	---	3.5	0.0	1.5	2.5	0.5	1.5
23	---	---	---	---	---	---	4.5	1.0	2.5	2.5	0.0	1.0
24	---	---	---	---	---	---	2.0	1.5	2.0	4.0	1.0	2.5
25	---	---	---	---	---	---	---	---	---	4.5	1.5	3.0
26	---	---	---	---	---	---	---	---	---	2.5	0.5	1.5
27	---	---	---	---	---	---	---	---	---	2.5	1.5	2.0
28	---	---	---	---	---	---	---	---	---	3.0	1.0	2.0
29	---	---	---	---	---	---	---	---	---	4.5	1.5	3.0
30	---	---	---	---	---	---	---	---	---	4.0	3.0	3.5
31	---	---	---	---	---	---	---	---	---	5.0	3.5	4.0
MONTH	---	---	---	10.5	2.5	6.4	6.0	0.0	2.2	5.0	0.0	2.2
	FEBRUARY			MARCH			APRIL			MAY		
1	4.5	2.5	3.5	11.0	4.5	7.0	14.5	8.0	11.0	25.0	10.5	17.5
2	4.0	3.5	4.0	9.0	4.5	6.0	19.5	5.5	12.0	27.0	12.5	19.5
3	4.0	2.5	3.5	11.0	4.5	7.0	22.0	7.5	14.5	28.5	15.5	21.0
4	4.0	3.0	3.5	12.0	4.5	7.5	16.5	11.5	13.5	27.5	14.5	19.5
5	4.0	1.5	3.0	13.5	4.5	8.5	---	---	---	27.5	14.0	17.5
6	3.0	1.0	2.5	17.0	6.5	11.0	---	---	---	---	---	---
7	4.0	2.5	3.0	17.5	6.0	11.0	---	---	---	---	---	---
8	4.0	1.5	2.5	18.5	6.0	12.0	---	---	---	---	---	---
9	4.5	2.5	3.5	20.0	7.0	12.5	---	---	---	---	---	---
10	4.5	2.0	3.0	21.0	8.5	14.0	---	---	---	---	---	---
11	4.0	1.5	3.0	14.0	6.5	11.0	---	---	---	---	---	---
12	4.0	1.5	3.0	13.5	9.5	11.5	---	---	---	---	---	---
13	3.5	2.0	3.0	13.5	9.5	11.5	---	---	---	---	---	---
14	5.0	2.5	3.5	14.0	10.5	12.5	---	---	---	---	---	---
15	6.0	4.0	4.5	15.0	11.5	13.5	---	---	---	---	---	---
16	6.0	5.0	5.5	14.5	11.5	13.0	---	---	---	---	---	---
17	7.5	4.5	6.0	15.0	11.5	13.5	---	---	---	---	---	---
18	7.0	5.5	6.5	16.0	11.0	13.5	---	---	---	---	---	---
19	7.0	4.0	5.5	18.0	13.0	14.5	---	---	---	---	---	---
20	7.0	4.5	6.0	19.0	11.0	14.5	14.5	12.5	13.5	---	---	---
21	8.0	5.5	6.5	20.0	12.0	15.0	15.5	11.0	13.5	---	---	---
22	8.0	6.0	7.0	21.0	13.0	16.0	15.5	11.0	13.5	---	---	---
23	8.5	5.5	6.5	21.5	12.5	16.0	16.5	11.5	14.0	---	---	---
24	10.0	4.5	6.5	21.0	11.5	15.5	18.0	13.0	15.5	---	---	---
25	6.5	5.0	6.0	17.5	10.0	13.5	20.0	13.5	16.5	---	---	---
26	11.5	4.0	7.0	17.5	9.0	12.5	22.0	14.0	17.5	---	---	---
27	10.5	4.5	7.0	20.5	8.0	13.0	23.5	15.0	18.0	---	---	---
28	8.5	4.0	6.0	20.0	8.0	13.5	20.0	13.0	16.5	---	---	---
29	12.0	4.0	7.0	20.5	8.5	14.0	22.5	10.5	15.5	---	---	---
30	---	---	---	19.0	11.0	14.0	24.5	9.5	16.0	---	---	---
31	---	---	---	23.0	9.0	14.5	---	---	---	---	---	---
MONTH	12.0	1.0	4.8	23.0	4.5	12.4	24.5	5.5	14.7	28.5	10.5	19.0

